Amendments to Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A method for providing user interfaces in a first network including first devices interconnected via a communication medium and at least one interface device connecting said first network to at least a second network having interconnected second devices, the user interfaces for controlling the devices that are currently connected to the first network and devices that are currently connected to the second network, comprising the steps of:

(a) obtaining information from said first devices currently connected to the first network, said information including graphical and/or textual information;

(b) obtaining information from the interface device about the second devices connected to the second network, said information including graphical and/or textual information;

(c) generating a user interface description based at least on the obtained information, the user interface description including: (1) at least one graphical and/or textual reference of said first devices that are currently connected to the first network, and (2) at least one graphical and/or textual reference of said second devices that are currently connected to the second network; and displaying a top level user interface based on the user interface description on a device connected to the first network capable of displaying user interfaces;

(d) displaying a control user interface on a device connected to the first

network capable of displaying user interfaces, for user control of one or more of said first and second devices, by:

using a reference in the user interface description~~, the reference corresponding to~~ a for a first device or a second device, to perform the steps of:

using said reference to communicate over the first network and/or the second network to access the associated information stored in said corresponding device;

generating the control user interface including device data corresponding to said corresponding device using the accessed information stored in said corresponding device; and

displaying the control user interface for user control of said corresponding device.

2. (Original) The method of claim 1, wherein said interface device includes information about the second devices.

3. (Original) The method of claim 1, wherein the first network comprises a 1394 bus, and the second network comprises a non-1394 bus.

4. (Original) The method of claim 3, wherein the interface device includes an

address extension table for the second devices, and wherein step (b) further includes the steps of using the address extension table to access said second devices.

5. (Original) The method of claim 1, wherein the interface device comprises a bridge device.

6. (Previously presented) The method of claim 1 further including the step of:

displaying one or more top level user interfaces each based on a user interface description, on one or more devices connected to the first network capable of displaying a user interface, for user control of said first and second devices.

7. (Previously presented) The method of claim 6, wherein the step of displaying each top level user interface further includes the steps of:

using each reference in the corresponding user interface description to access the associated information stored in each device;

generating the top level user interface including device data corresponding to each device using the accessed information in each device; and

displaying the top level user interface on said device capable of displaying a user interface.

8. (Original) The method of claim 1, wherein the step of generating a user interface description further comprises the steps of: associating a hyper-text link with the device information of one or more of said first and second devices.

9. (Previously presented) The method of claim 1, wherein the information in each device includes a user control interface description for user interaction with the device.

10. (Original) The method of claim 9, wherein the step (c) further includes the steps of generating each user interface description such that each reference in that user interface description is to at least the user control interface description in each corresponding device.

11. (Currently amended) A network system for performing a service, comprising:

a first network including first devices interconnected via a communication medium and at least one interface device connecting said first network to at least a second network having interconnected second devices;

an agent in each of one or more first devices adapted for:

obtaining information from said first devices currently connected to the first network, said information including graphical and/or textual information;

obtaining information from the interface device about the second devices connected to the second network, said information including graphical and/or

textualinformation;

generating a user interface description in one of said first devices based at least on the obtained information, the user interface description in each first device including: (1) at least one graphical and/or textual reference of said first devices that are currently connected to the first network, and (2) at least one graphical and/or textual reference of said second devices that are currently connected to the second network; and

displaying a user interface on a device connected to the first network capable of displaying a user interfaces, by:

using each reference in a user interface description to communicate via the first network and/or the second network to access the associated information ~~stored in each~~ for the corresponding device;

generating the user interface including device data corresponding to each device using the accessed information ~~in each device~~; and

displaying the user interface on said device capable of displaying a user interface.

12. (Previously presented) The system of claim 11, wherein said interface device includes information about the second devices.

13. (Previously presented) The system of claim 11, wherein the first network

comprises a 1394 bus, and the second network comprises a non-1394 bus.

14. (Previously presented) The system of claim 13, wherein the interface device includes an address extension table for the second devices, and wherein each agent is further adapted for using the address extension table to access said second devices.

15. (Previously presented) The system of claim 11, wherein the interface device comprises a bridge device.

16. (Previously presented) The system of claim 11 wherein the agent is further adapted for displaying one or more user interfaces each based on a user interface description, on one or more devices connected to the first network capable of displaying a user interface, for user control of said first and second devices.

17. (Previously presented) The system of claim 16, wherein the agent is further adapted for displaying each user interface by:

using each reference in the corresponding user interface description to access the associated information stored in each device;

generating the user interface including device data corresponding to each device using the accessed information in each device; and

displaying the user interface on said device capable of displaying a user interface.

18. (Previously presented) The system of claim 11, wherein the agent is further adapted for generating each user interface description by: associating a hyper-text link with the device information of one or more of said first and second devices.

19. (Previously presented) The system of claim 11, wherein the information in each device includes a user control interface description for user interaction with the device.

20. (Previously presented) The system of claim 19, wherein the agent is further adapted for generating each user interface description such that each reference in that user interface description is to at least the user control interface description in each corresponding device.

21. (Currently amended) A method for providing user interfaces, the user interfaces for controlling first devices that are currently connected to a first network and second devices that are currently connected to a second network, comprising the steps of:

(a) obtaining information from said first devices currently connected to the first network, said information including graphical and/or textual information;

(b) obtaining information from second devices connected to the second

network, said information including graphical and/or textual information;

(c) generating a user interface based at least on the obtained information, the user interface description including: (1) at least one graphical and/or textual reference of said first devices that are currently connected to the first network, and (2) at least one graphical and/or textual reference of said second devices that are currently connected to the second network; and

(d) displaying a user interface on a device connected to the first network capable of displaying a user interfaces, by:

using each reference in a user interface description to communicate over the first network and/or the second network to access the associated information ~~stored in~~ for each corresponding device;

generating the user interface including device data corresponding to each device using the accessed information ~~in each device~~; and

displaying the user interface on said device capable of displaying a user interface.

22. (Previously presented) The method of claim 21, wherein the first network comprises a 1394 bus, and the second network comprises a non-1394 bus.

23. (Previously presented) The method of claim 21 further including the step of:

displaying one or more user interfaces each based on a user interface description, on one or more devices connected to the first network capable of displaying a user interface, for user control of said first and second devices.

24. (Previously presented) The method of claim 23, wherein the step of displaying each user interface further includes the steps of:

using each reference in the corresponding user interface description to access the associated information stored in each device;

generating the user interface including device data corresponding to each device using the accessed information in each device; and

displaying the user interface on said device capable of displaying a user interface.

25. (Previously presented) The method of claim 21, wherein the step of generating a user interface description further comprises the steps of: associating a hyper-text link with the device information of one or more of said first and second devices.

26. (Previously presented) The method of claim 21, wherein the graphical and/or textual information in each device includes a user control interface description for user interaction with the device.

27. (Previously presented) The method of claim 26, wherein the step (c) further includes the steps of generating each user interface description such that each reference in that user interface description is to at least the user control interface description in each corresponding device.